



# Orion PTS

PRECISION TESTING SOLUTIONS

## OR-FSC

### Film Strip Cutter

V1.01

Introducing a brand new range of materials testing equipment from **Orion-PTS**. The Film Strip Cutter offers simplicity for producing parallel rectangular test samples to meet International Test Standards such as ASTM and ISO for tensile and tear testing, from materials such as Foils, Films and Papers making the apparatus a perfect fit for the flexible packaging industry.

The instrument is ideal for laboratory use to produce test samples very quickly and efficiently when conventional cutting dies would not be suitable or recommended due to the thickness of the material and length of the sample needed.

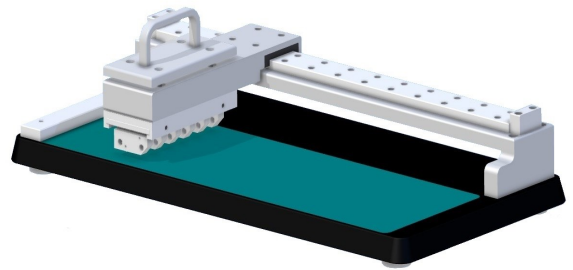
Extremely simple to use with a push down and pull application, the spring loaded cutting head is supported on a linear rail guide to ensure rigidity and accuracy when cutting.

The instrument base is recessed to accept a self sealing cutting base pad which increases blade life and cut quality. An integral bar clamping mechanism is also fitted to firmly support the sample material during the cutting process.

As standard the cutting stroke length is 455mm so can easily accommodate A4 sample length sizes but this can be increased to suit customer's individual requirements if needed. The maximum cutting width is 150mm and cutting heads can be supplied in various widths from 0.25mm to 150mm. Due to the gantry style design rolls of film can easily be pulled through the apparatus which saves material.

Stainless Steel razor blades are fitted to the cutting head as standard but are also available TiN coated or PTFE coated to reduce friction and increase blade life during the cutting process. With a minimum cut width of 0.25mm, cutting heads can be supplied to cut single or multiple test samples in one single pass which increases your testing capacity and productivity.

To operate the instrument, clamp the sample in place, push the cutter down on top of the material and pull the cutter forward to the end of its travel or the length of the sample needed. Simply release the clamp, remove the material and trim the sample to the required length.



#### Specifications

- Simple to operate Film Strip Cutter
- Ideal for cutting flexible films, foils and paper
- Robust linear guidway rail system
- Spring loaded cutting head assembly
- Integral sample clamping rail
- Interchangeable cutting heads
- Cutting head widths from 0.25mm to 150mm
- Multi-Strip cutters available
- Maximum cutting stroke 455mm
- Dimensions (w x d x h)  
60cm x 30cm x 17cm
- Weight (kg) 15
- Product user manual
- UKCA/CE declaration certificate

#### Options

- Multi width cutting heads available to customers requirements
- Stainless Steel, PTFE & TiN cutting blades available